FIG.1

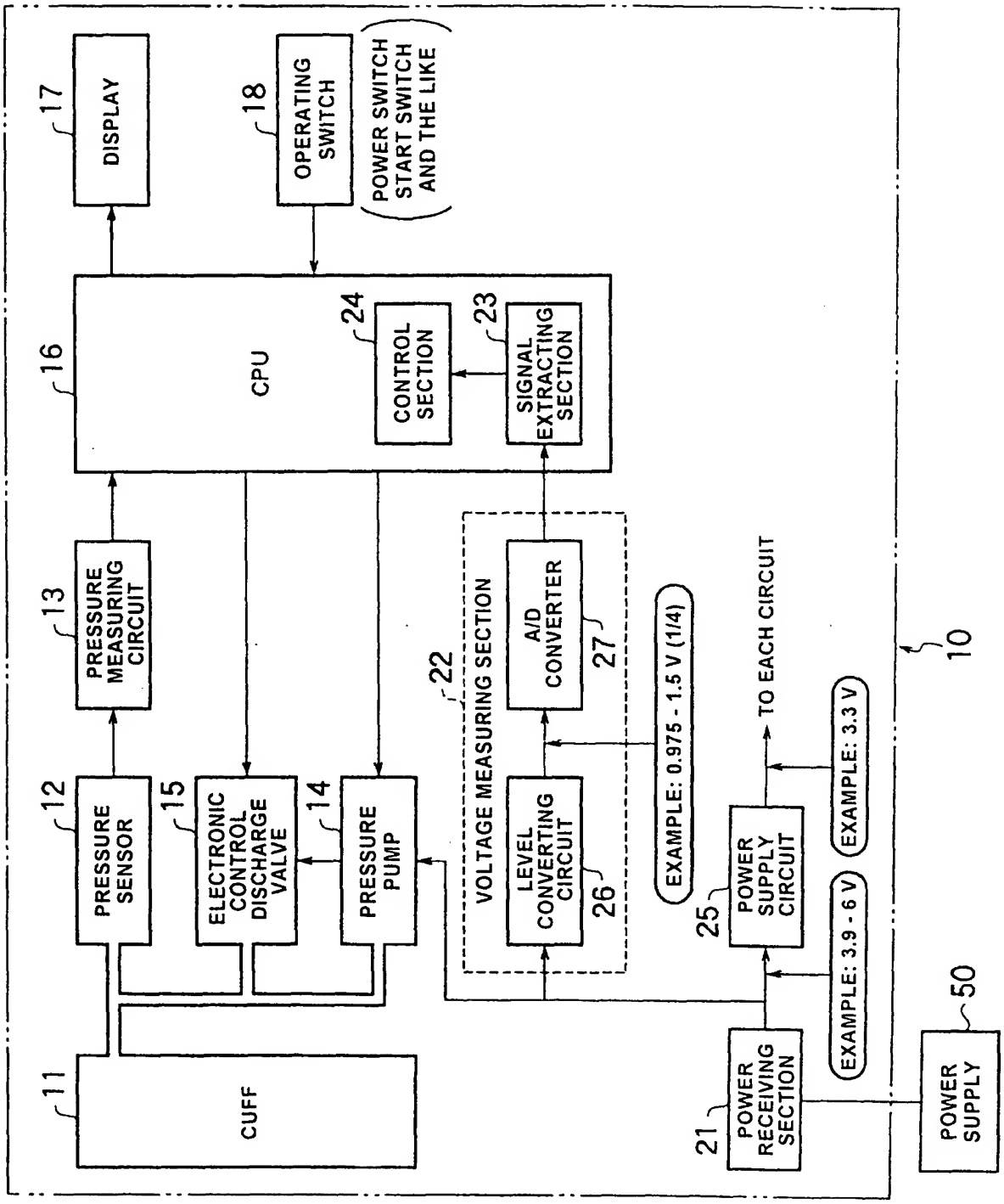

17
DISPLAY
18
OPERATING SWITCH
POWER SWITCH START SWITCH AND THE LIKE
16
CPU
24
CONTROL SECTION
23
SIGNAL EXTRACTING SECTION
13
PRESSURE MEASURING CIRCUIT
12
PRESSURE SENSOR
15
ELECTRONIC CONTROL DISCHARGE VALVE
14
PRESSURE PUMP
22
VOLTAGE MEASURING SECTION
A/D CONVERTER
27
LEVEL CONVERTING CIRCUIT
26
EXAMPLE: 0.975 - 1.5 V (1/4)
25
POWER SUPPLY CIRCUIT
TO EACH CIRCUIT
EXAMPLE: 3.3 V
EXAMPLE: 3.9 - 6 V
10
11
CUFF
21
POWER RECEIVING SECTION
50
POWER SUPPLY

FIG.2

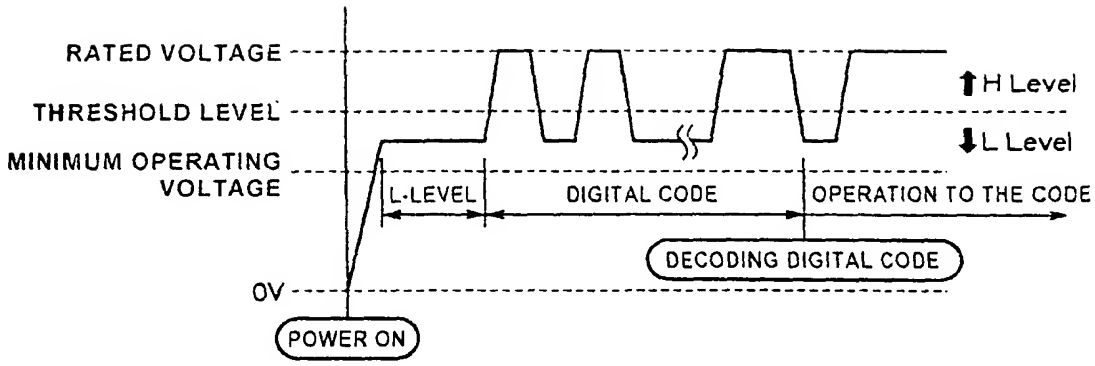

RATED VOLTAGE
THRESHOLD LEVEL
MINIMUM OPERATING VOLTAGE
0V
H Level
L Level
L-LEVEL
DIGITAL CODE
OPERATION TO THE CODE
DECODING DIGITAL CODE
POWER ON

FIG.3

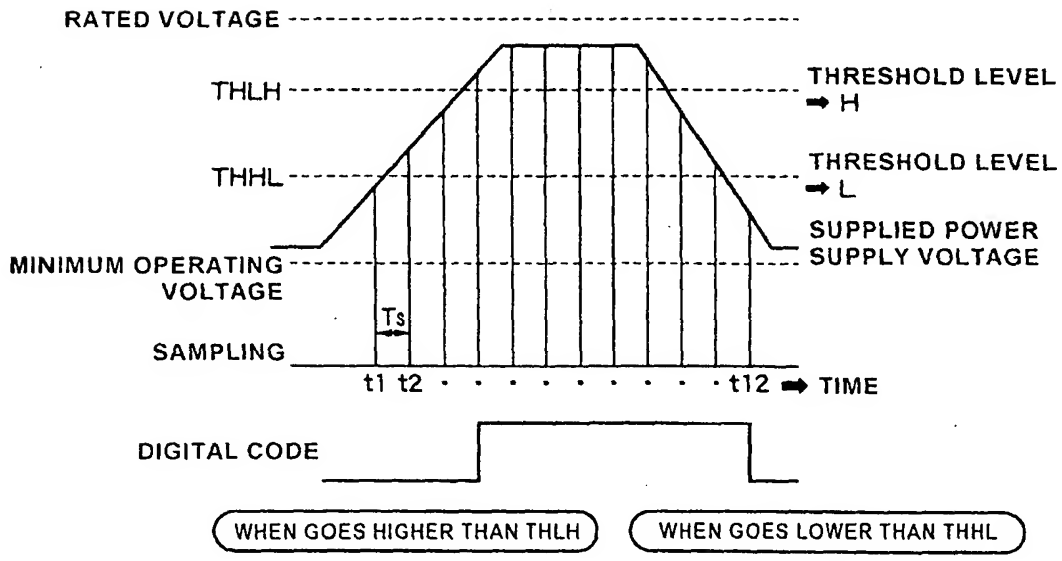

RATED VOLTAGE
THLH
THHL
MINIMUM OPERATING VOLTAGE
SAMPLING
Ts
t1 t2 · · · · · · · · · t12
TIME
THRESHOLD LEVEL ➡ H
THRESHOLD LEVEL ➡ L
SUPPLIED POWER SUPPLY VOLTAGE
DIGITAL CODE
WHEN GOES HIGHER THAN THLH
WHEN GOES LOWER THAN THHL

FIG.4

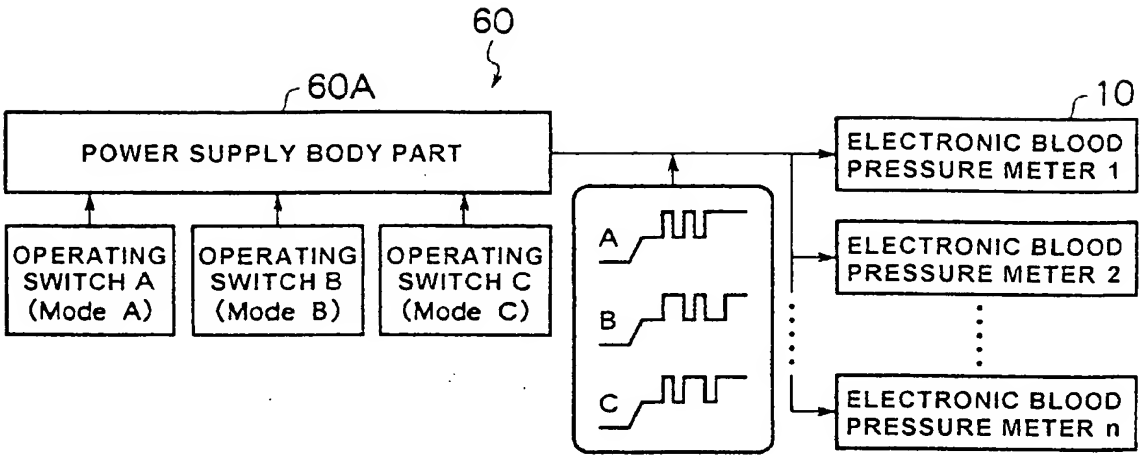

60
60A
10
POWER SUPPLY BODY PART
OPERATING SWITCH A (Mode A)
OPERATING SWITCH B (Mode B)
OPERATING SWITCH C (Mode C)
A
B
C
ELECTRONIC BLOOD PRESSURE METER 1
ELECTRONIC BLOOD PRESSURE METER 2
ELECTRONIC BLOOD PRESSURE METER n

FIG.5

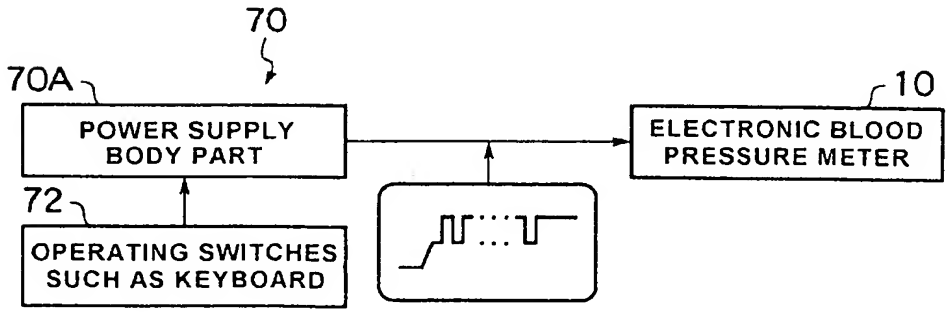

70
70A
10
POWER SUPPLY BODY PART
72
OPERATING SWITCHES SUCH AS KEYBOARD
ELECTRONIC BLOOD PRESSURE METER

FIG.6

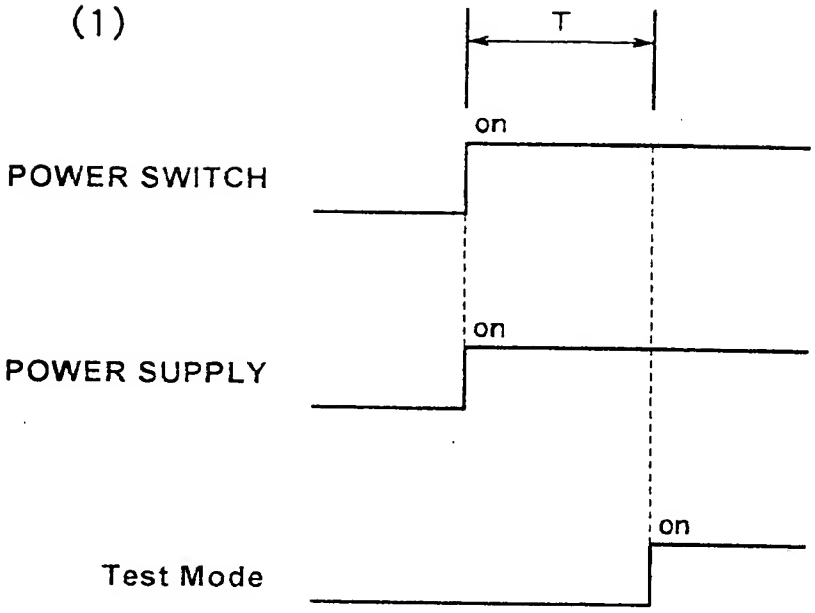

(1)
T
on
POWER SWITCH
on
POWER SUPPLY
on
Test Mode

FIG.7

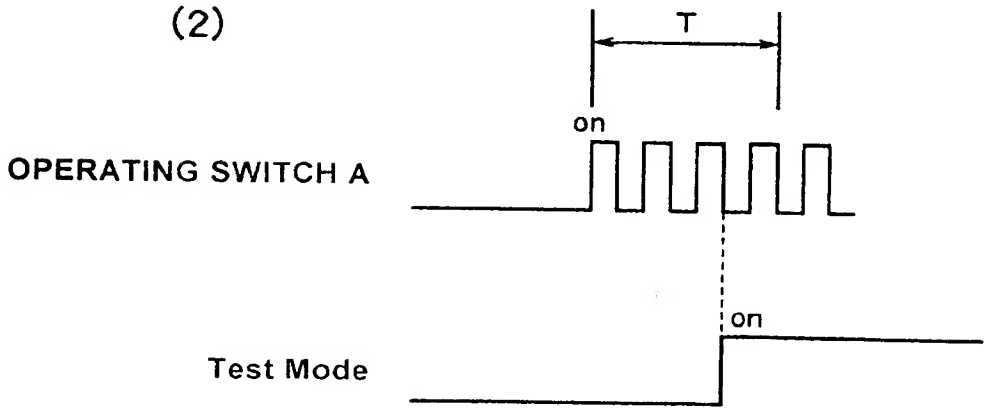

(2)
T
on
OPERATING SWITCH A
on
Test Mode

FIG.8

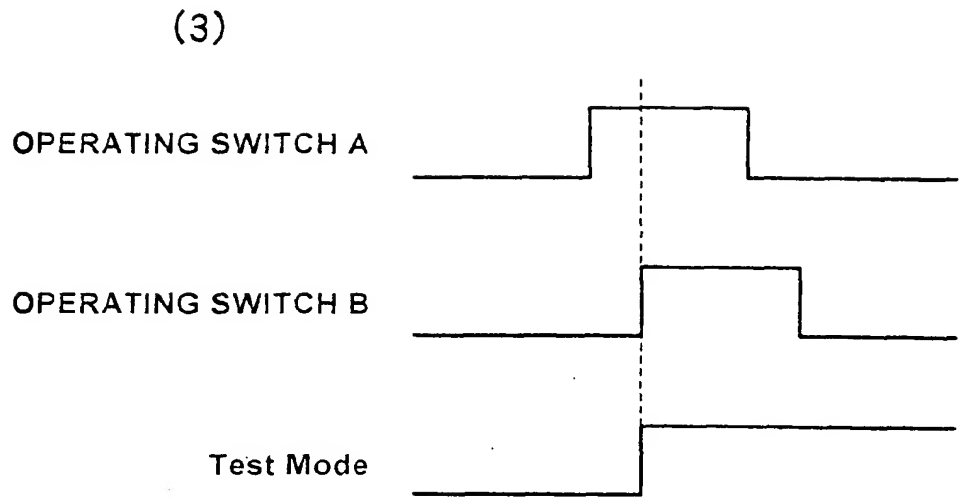

(3)
OPERATING SWITCH A
OPERATING SWITCH B
Test Mode

FIG.9

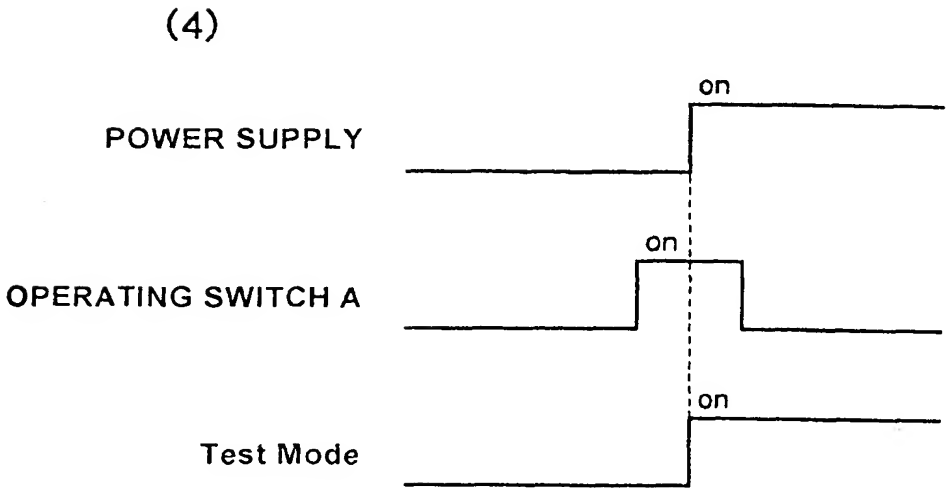
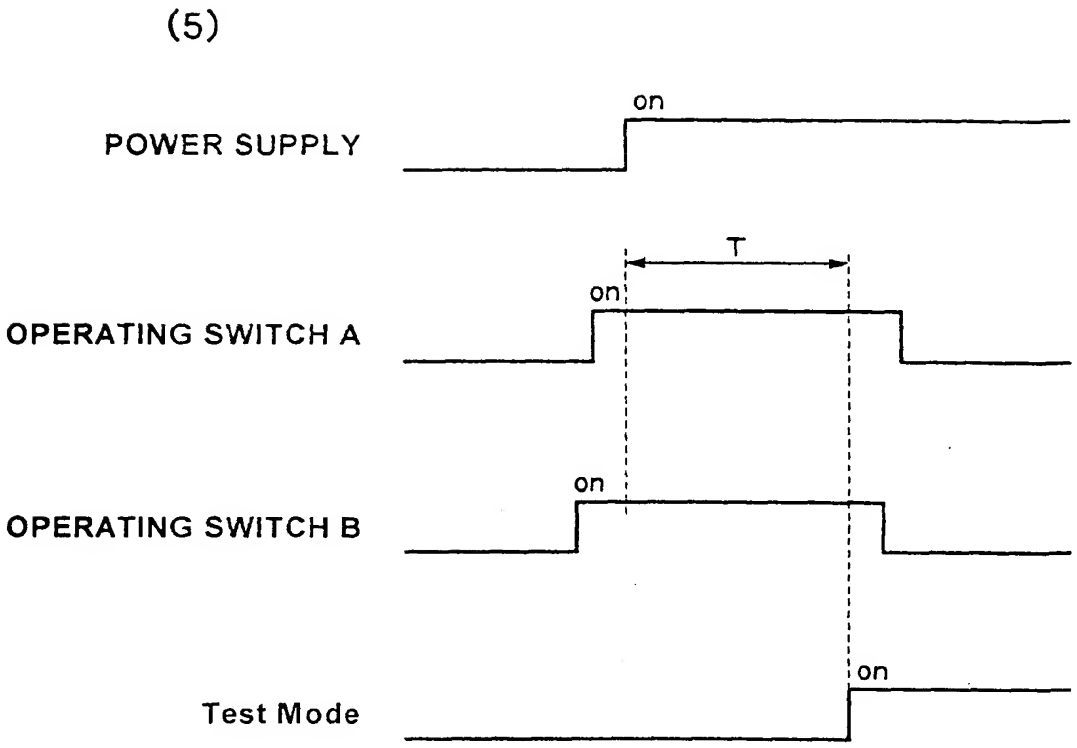

(4)
POWER SUPPLY
on
OPERATING SWITCH A
on
Test Mode
on

FIG.10


(5)
POWER SUPPLY
on
T
OPERATING SWITCH A
on
OPERATING SWITCH B
on
Test Mode
on